

Non-Attainment Area New Source Review

Final Determination

June 2017

Facility Name: Delta Air Lines Inc. - Technical Operations Center

City: Atlanta

County: Fulton and Clayton

AIRS Number: 04-13-063-00105

Application Number: 44147

Date Application Received: February 21, 2017



State of Georgia
Department of Natural Resources
Environmental Protection Division
Air Protection Branch

Karen Hays – Chief, Air Protection Branch

Stationary Source Permitting Program

Eric Cornwell
Manny Patel
Ginger Payment

Planning & Support Program

Di Tian
Yan Huang

BACKGROUND

On February 21, 2017, Delta Air Lines Inc. - Technical Operations Center (hereafter Delta) submitted an application for an air quality permit to construct and operate Engine Test Cell No. 5 (Emission Unit 5898) and its supporting equipment. The facility is located at 1775 Aviation Boulevard in Atlanta, Clayton and Fulton Counties. Delta has proposed to construct and operate an additional test cell which will be Test Cell No. 5 (SHEA ID No. 5898) in addition to supporting equipment. Test Cell No. 5 will accommodate future aircraft engines for which the current test cells do not have the capability to house. The supporting equipment for Test Cell No. 5 will include two, 25,000-gallon jet-A fuel storage tanks (SHEA ID Nos. 5894 and 5895) and a fuel pump package designed to provide fuel to the jet engines during testing. The two jet-A fuel storage tanks associated with Test Cell No. 5 will be filled via a fuel line connected to the existing system which fills the storage tanks for the current jet engine test cells. Jet-A fuel will be transferred from the two jet-A storage tanks to Test Cell No. 5 via the fuel pump package. There will be two, 200-gallon oil storage tanks installed as part of the project, one for lubrication (SHEA ID No. 5938) and one for preservation oil (SHEA ID No. 5936) which will provide oil to the jet engines being tested within Test Cell No. 5. In addition, Delta is proposing the installation of one 2,000-gallon used oil storage tank (SHEA ID No. 5893) that will collect used lubrication oil from the jet engines through a line connecting to the pre-test bay of the Test Cell No. 5 building. Delta also plans to install one 200-gallon diesel storage tank and fuel pump station (SHEA ID No. 5890) to provide fuel to the vehicles used to transport jet engines in and around the Test Cell No. 5 building. A 40-gallon pneumatic pressure pot with spray gun (SHEA ID No. 5901) will also be used to perform engine flush cleaning operations for Test Cell No. 5. Other general fugitive material usage operations may also be conducted.

On May 11, 2017, the Division issued a Preliminary Determination stating that the modifications described in Application No. 44147 should be approved. The Preliminary Determination contained a draft Air Quality Permit for the construction and operation of the modified equipment.

The Division requested that Delta place a public notice in a newspaper of general circulation in the area of the existing facility notifying the public of the proposed construction and providing the opportunity for written public comment. Such public notice was placed in *Fulton County Daily Report* (legal organ for Fulton County) on May 31, 2017. The public comment period expired on June 30, 2017.

There were no comments received from the U.S. EPA Region IV, the facility or the general public.

A copy of the final permit is included in Appendix A.

EPD CHANGES

No changes were made.

APPENDIX A

AIR QUALITY PERMIT

4512-063-0105-V-03-2